

## CLAIMS

What is claimed is:

1. A sealing ring comprising:

a supporting ring connected with a first sealing lip made of an elastomeric material and a second sealing lip made of a polymeric material, said second sealing lip being wedged against the supporting ring by a clamping plate without being bound to it;

said clamping plate for purposes of precentered installation of a machine element that is to be sealed into the sealing lip, the clamping plate being provided with an insertion slant that projects axially in a direction opposite to that of an installation direction of the machine element and of the first sealing lip, and having a diameter that increases in funnel-like fashion axially in the direction opposite to the installation direction and to the first sealing lip; and

the second sealing lip acts as a second centering ring for further precentered installation of the machine element and being located after the first centering ring in the installation direction, and acting as preliminary seal for the first sealing lip.

2. The sealing ring according to Claim 1, characterized in that the first sealing lip is precurved axially in the installation direction and axially in the direction of the space to be sealed.

3. The sealing ring according to Claim 1, characterized in that the second sealing lip is made of PTFE and is precurved in the installation direction and axially in the direction of the first sealing lip.

4. The sealing ring according to Claim 1, characterized in that the supporting ring is essentially T-shaped and is provided with a radial leg to which the first sealing lip is fixed.

5. The sealing ring according to Claim 4, characterized in that the radial leg is completely enveloped by the elastomeric material of the first sealing lip.

6. The sealing ring according to Claim 1, characterized in that the supporting ring is surrounded on its outer periphery by a statically loaded seal.

7. The sealing ring according to Claim 6, characterized in that the static seal is made of an elastomeric material.

8. The sealing ring according to Claim 6, characterized in that the static seal forms a single piece with the first sealing lip and can be made of the same material as said lip.

9. The sealing ring according to Claim 1, characterized in that the clamping plate is C-shaped and axially open in the direction opposite to that of installation.

10. The sealing ring according to Claim 1, characterized in that the clamping ring is pressed into the axial projection of the supporting ring with its radially outer axial leg.

11. The sealing ring according to Claim 1, characterized in that the clamping ring is made of spring steel.